

Deep Learning Essentials: Your hands-on guide to the fundamentals of deep learning and neural network modeling (Paperback)



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Reviews

It is great and fantastic. I have go through and i am sure that i will likely to study again once again later on. I am just easily could possibly get a enjoyment of looking at a published book.
(Tad Stanton Sr.)

DEEP LEARNING ESSENTIALS: YOUR HANDS-ON GUIDE TO THE FUNDAMENTALS OF DEEP LEARNING AND NEURAL NETWORK MODELING (PAPERBACK)

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Packt Publishing Limited, United Kingdom, 2018. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Get to grips with the essentials of deep learning by leveraging the power of Python Key Features Your one-stop solution to get started with the essentials of deep learning and neural network modeling Train different kinds of neural networks to tackle various problems in Natural Language Processing, computer vision, speech recognition, and more Covers popular Python libraries such as Tensorflow, Keras, and more, along with tips on training, deploying and optimizing your deep learning models in the best possible manner Book Description Deep Learning a trending topic in the field of Artificial Intelligence today and can be considered to be an advanced form of machine learning, which is quite tricky to master. This book will help you take your first steps in training efficient deep learning models and applying them in various practical scenarios. You will model, train, and deploy different kinds of neural networks such as Convolutional Neural Network, Recurrent Neural Network, and will see some of their applications in real-world domains including computer vision, natural language processing, speech recognition, and so on. You will build practical projects such as chatbots, implement reinforcement learning to build smart games, and develop expert systems for image captioning and processing. Popular Python library such as TensorFlow is used in this book to build the models. This book also covers solutions for different problems you might come across while training models, such as noisy datasets, small datasets, and more. This book does not assume any prior knowledge of deep learning. By the end of this book, you will have a firm understanding of the basics of deep learning and neural network modeling, along with their practical applications. What you will learn Get to grips...

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